



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/603,356 Confirmation No. 3257  
 Applicant : Cheng, Ray et al  
 Filed : 06/26/2000  
 TC/A.U. : 2153  
 Examiner : EDELMAN, BRADLEY E.  
 Docket No. : 77666-5  
 Customer No. : 07380

DECLARATION UNDER 37 CFR 1.131

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

I, Michael Morgan make oath and say:

1. I am an officer of Entrust Limited, the present owner of the above-referenced patent application (hereinafter "The Application").
2. Ray C.H. Cheng, Paul C. Van Oorschot and Stephen William Hillier conceived the invention claimed in the above-identified patent application while employed by Entrust Technologies Limited prior to the publication of M2 Presswire, "Encommerce: Encommerce Ships GetAccess 4.0: Advanced Portal Infrastructure Unites Ebusiness Offerings Under One Brand," May 3, 2000, M2 Presswire, pp. 1-4.
3. Attached as Exhibit "A" to this Declaration is a photocopy of a facsimile cover page sent by Mr. Cheng on February 17, 2000 to Allan Brett, a patent agent with the firm Smart & Biggar, retained by Entrust Technologies Limited. The enclosures of the facsimile attached as Exhibit "A" provided information for the preparation of a patent application for the present invention.
4. Attached as Exhibit "B" to this Declaration is a copy of a letter dated April 5, 2000 that Mr. Cheng received from Mr. Brett enclosing a first draft of The Application. Portions of the

letter are redacted.

5. Attached as Exhibit "C" to this Declaration is a copy of a facsimile cover sheet for a facsimile sent by Mr. Cheng to Mr. Brett on May 2, 2000. The facsimile contained comments regarding the first draft of The Application. Portions of the facsimile cover sheet are redacted.
6. On May 11, 2000 Mr. Cheng provided Mr. Brett with the full names and addresses of all of the named inventors for The Application by facsimile, which is attached to this Declaration as Exhibit "D".
7. Attached as Exhibit "E" to this Declaration is a copy of a letter dated May 30, 2000 that Mr. Cheng received from Mr. Brett enclosing a second draft of The Application. Portions of the letter are redacted.
8. Attached as Exhibit "F" to this Declaration is a copy of a letter dated June 9, 2000 that Mr. Cheng received from Mr. Brett enclosing a third draft of The Application. Portions of the letter are redacted.
9. Attached as Exhibit "G" to this declaration is a copy of a letter dated June 22, 2000 that Mr. Cheng received from Mr. Brett enclosing a fourth draft of The Application.
10. On June 22, 2000 all of the named inventors signed a combined declaration and power of attorney and an assignment of the invention to Entrust Technologies Limited.
11. The Application was filed with the United States Patent and Trademark Office on June 26, 2000.
12. Mr. Van Oorschot is no longer employed by Entrust Limited.
13. Entrust Technologies Limited changed its name to Entrust Limited on December 13, 2002.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted

By

Michael Morgan

Michael Morgan  
General Counsel, Canadian Operations

Dated: Sept. 23, 2003  
Ottawa, Ontario, Canada

## **EXHIBIT A**



Visit our Web site at: [www.entrust.com](http://www.entrust.com)

Phone: 232-2486

Facsimile: 232-8440

Date: Feb 17, 2000

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To: ALAN BRETT

Company:  Pages to Follow: 9

From: RAY CHEN 6 247-3174

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Message

Document on Multi-Domain Single Sign-On - a design and one page describing broader concepts.

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Entrust Technologies Facsimile: 613 247 3690

This facsimile transmission is intended only for the use of individual or entity to which it is addressed and may contain information which is privileged and confidential. If the reader of this message is not the intended recipient or the employee responsible for delivering this communication to the intended recipient, you are hereby notified that any disclosure, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone to arrange for its return. Thank you.

## **EXHIBIT B**

77666-5

05 April 2000

VIA COURIER

Mr. Ray Cheng  
Entrust Technologies Limited  
750 Heron Road  
Suite E08  
Ottawa, Ontario  
K1V 1A7

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Dear Mr. Cheng:

Re: Proposed U.S. Patent Application  
Ray Chang  
**SYSTEMS AND METHODS PROVIDING INTERACTIONS BETWEEN  
MULTIPLE SERVERS AND AN END USER DEVICE**

Please find enclosed a first draft patent application for the above-identified invention prepared on the basis of the information initially provided to me, and the further information provided during our meeting of March 8, 2000.

Please review the entire draft in detail and feel free to mark-up the copy provided. Joseph Wong has suggested that we get together after you have performed your review to go over draft and review the changes you suggest.

I have included within the text in bold some guidance as to the nature of the review required. Also I have included a number of questions which I would appreciate you addressing specifically.

Ray Cheng  
Our Ref: 77666-5

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April 5, 2000

I note that the description is somewhat sparse having regard to the embodiments in which the end user is device is equipped with custom software. Please provide any further details you can in relation to this.

I note that the draft includes several flow charts which I have produced somewhat on the basis of speculation. Please review these flowcharts carefully and let me know if you would like them changed in any way.

Please give me a call after you have completed your review so that we may set up a meeting. Please also feel free to give me a call at any time if you have any questions whatsoever as to the nature of the review which needs to be performed.

Yours very truly,

SMART & BIGGAR

RAB/smh/  
Encl.

R. Allan Brett

## **EXHIBIT C**

750 Hinton Road  
Suite E000  
Ottawa, Ontario  
K1V 1A7

Entrust Technologies Limited

# Fax

**To:** R Allan Brett  
**Fax:** 613-232-8440  
**Phone:** 613-232-2486  
**Pages:**  
**Re:** File No: 77666-5 Comments on First Draft of Proposed Patent

**From:** Ray Cheng  
**Fax:** 613-247-3690  
**Phone:** 613-247-3174  
**Date:** May 2, 2000

**Comments:**

Allan,

I have marked up a copy of the draft that you sent me. I also included a list of notes which are referenced in the marked up draft where I need more space.

If you have any trouble at all reading the fax, please call me and I can send the material via courier.

Overall, things look pretty good. I am a bit unclear on one major item (G in my notes).

I will call you and we can discuss how we should proceed from here.

Regards,

Ray

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## **EXHIBIT D**

750 Heron Road  
Suite E080  
Ottawa, Ontario  
K1V 1A7

## Entrust Technologies Limited

# Fax

**To:** R. Allan Brett  
**Fax:** 613-232-8440  
**Phone:** 613-232-2486  
**Pages:**  
**Re:** File No: 77666-5 Inventors

**From:** Ray Cheng  
**Fax:** 613-247-3690  
**Phone:** 613-247-3174  
**Date:** May 11, 2000

**Comments:**

Allan,

Here are the inventors - there are three.

Ray C.H. Cheng  
7 Hobbs Avenue  
Nepean, On, Canada  
K2H 6W7  
Citizenship: Canada

Paul C. Van Oorschot  
1168 Cameo Drive  
Ottawa, Ontario, Canada K2C 1Y7  
Citizenship: Canada

Stephen William Hillier  
3780 Revelstoke Drive  
Ottawa, On, Canada  
K1V 7C4  
Citizenship: Canada

Le B. J. D.  
Aug 18/00  
SAC

RAB

## **EXHIBIT E**

77666-5

May 30, 2000

Mr. Ray Cheng  
Entrust Technologies Limited  
750 Heron Road  
Suite E08  
Ottawa, Ontario  
K1V 1A7

VIA COURIER

Dear Mr. Cheng:

Re: Proposed U.S. Patent Application  
ENTRUST TECHNOLOGIES LIMITED  
(Ray Cheng)  
SYSTEMS AND METHODS PROVIDING INTERACTIONS  
BETWEEN MULTIPLE SERVERS AND AN END USER DEVICE

Thank you for your detailed comments provided to me in your facsimile of May 2, 2000 and for the further information you provided in our telephone conversations May 3, May 9, May 11 and May 29, 2000.

At this time I enclose a revised draft which I am hopeful is close to being in a state suitable for filing. Please again review the draft carefully and let me know if you require any further changes.

Mr. Ray Cheng  
Our Ref: 77666-5

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May 30, 2000

Please note on page 2 of the draft I have included an example of what might include a privacy violation.

In the claims, I have narrowed all of the claims to specify "access control" information or cookies, and have added a limitation to claim 1 pertaining to the use of this to protected information. I hope this is the scope you had in mind.

Enclosed herewith is a Declaration and Assignment which need to be executed by the inventors by signing and dating these forms where indicated. The Assignment document also requires witness signatures. **Please do not execute these documents until we have agreed that no further changes to the draft are required.** Please check the Declaration and Assignment to ensure that the information contained therein is correct. If any information is incorrect, such as the spelling of your name, please mark the changes on both documents and initialze the changes. In the meantime, please give me a call if you have further changes you would like made to the application.

Please also note I require an identification of all the prior art of which you are aware which might have a bearing on the patentability of the invention. This does not require you to actively search for such prior art. Please provide this to me when you execute the formal documents.

Yours very truly,

SMART & BIGGAR

RAB:mlm

Allan Brett

Encl.

## **EXHIBIT F**

77666-5

June 9, 2000

**VIA COURIER**

Ray Chang  
Entrust Technologies Inc.  
750 Heron Road  
Suite E080  
Ottawa, Ontario  
K1V 1A7

Dear Mr. Chang:

Re: Proposed U.S. Patent Application  
ENTRUST TECHNOLOGIES LIMITED  
(Ray Chang)  
SYSTEMS AND METHODS PROVIDING INTERACTIONS BETWEEN  
MULTIPLE SERVERS AND AN END USER DEVICE

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Further to our telephone conversation June 8, 2000 please find enclosed a revised draft patent application for the above-identified application in which the revisions you have requested have been made subject the exception we discussed.

Ray Chang  
Our Ref: 77666-5

- 3 -

June 9, 2000

Incidentally, I do appreciate the amount of interest and care you and the others at Entrust are taking in the application drafting process, and look forward to any further comments you might have.

Yours very truly,

SMART & BIGGAR

RAB/smh  
Encl.

Allan Brett

## **EXHIBIT G**

77666-5

June 22, 2000

Mr. Ray Cheng  
Entrust Technologies Limited  
750 Heron Road  
Suite E08  
Ottawa, Ontario  
K1V 1A7

VIA COURIER

Dear Mr. Cheng:

Re: Proposed U.S. Patent Application  
ENTRUST TECHNOLOGIES LIMITED  
(Ray Cheng)  
SYSTEMS AND METHODS PROVIDING INTERACTIONS  
BETWEEN MULTIPLE SERVERS AND AN END USER DEVICE

Further to our meeting on June 20, 2000 please find enclosed a new version of the application containing the further changes discussed. I also enclose a copy of the revised version showing the changes made with underline and strikeout and change bars.

Assuming that this version is acceptable, please proceed with getting the documents executed and sending these to me via courier as soon as possible.

Yours very truly,  
SMART & BIGGAR

RAB:mlm

Allan Brett

Encl.